

## ABSTRACT

A method for controlling an engine coupled to a  
5 transmission is described. The method is especially  
suited for a transmission having at least one gear in  
which an over-running clutch is present. The invention  
describes a method for adjusting an engine operating  
parameter to maintain transmission input speed at or  
10 below a synchronous transmission input speed when the  
transmission is in the gear with the over-running clutch.  
The synchronous transmission input speed is based on  
transmission state and transmission output speed.  
Alternatively, vehicle speed can be used in place of  
15 transmission output speed.